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Genny Blumetel

IFW 1652  
Docket No.: PROL-P01-040  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
Reiss et al.

Application No.: 10/547,849

Confirmation No.: 1104

Filed: September 2, 2005

Art Unit: Not Yet Assigned

For: CBL-B POLYPEPTIDES, COMPLEXES  
AND RELATED METHODS

Examiner: Not Yet Assigned

**INFORMATION DISCLOSURE STATEMENT (IDS)**

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Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is filed before the mailing date of a first Office Action on the merits as far as is known to the undersigned (37 CFR 1.97(b)(3)).

Applicant submits herewith copies of foreign patents and non-patent literature in accordance with 37 CFR 1.98(a)(2).

In accordance with 37 CFR 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as

defined in 37 CFR 1.56(a) exists. In accordance with 37 CFR 1.97(h), the filing of this Information Disclosure Statement shall not be construed to be an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

It is submitted that the Information Disclosure Statement is in compliance with 37 CFR 1.98 and the Examiner is respectfully requested to consider the listed references.

The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 18-1945, under Order No. PROL-P01-040.

Dated: 11/22/06

Respectfully submitted,

By Anita Varma

Anita Varma

Registration No.: 43,221

FISH & NEAVE IP GROUP, ROPES & GRAY LLP

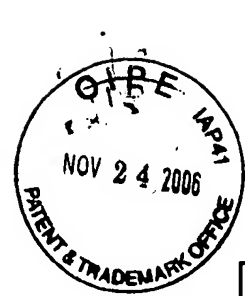
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<b>Substitute for form 1449A/B/PTO</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)				<b>Complete if Known</b>	
				Application Number	10/547,849
				Filing Date	September 2, 2005
				First Named Inventor	Yuval Reiss
				Art Unit	Not Yet Assigned
				Examiner Name	Not Yet Assigned
Sheet	1	of	2	Attorney Docket Number	PROL-P01-040

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)					
	BA	WO03/095971		11/20/03	Proteologics, Inc.		
	BB	WO03/078601		09/25/03	Proteologics, Inc.		

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NON PATENT LITERATURE DOCUMENTS				
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	CA	ALEXANDER et al., 1997, A role for natural simian immunodeficiency virus and human immunodeficiency virus type 1 nef alleles in lymphocyte activation, J. Virol. 71(8):6094-6099		
	CB	ARORA et al., 2000, Lentivirus Nef specifically activates Pak2, J. Virol. 74(23):11081-11087		
	CC	BACHMAIER et al., 2000, Negative regulation of lymphocyte activation and autoimmunity by the molecular adaptor Cbl-b, Nature 403:211-216		
	CD	BUSTELO et al., 1997, Cbl-b, a member of the Shc-1/c-Cbl protein family, inhibits Vav-mediated c-Jun N-terminal kinase activation, Oncogene 15:2511-2520		
	CE	CHIANG et al., 2000, Cbl-b regulates the CD28 dependence of T-cell activation, Nature 403:216-220		
	CF	ELLY et al, 1999, Tyrosine phosphorylation and complex formation of Cbl-b upon T cell receptor stimulation, Oncogene 18:1147-1156		
	CG	ETTENBERG et al., 1999, cbl-b inhibits epidermal growth factor receptor signaling, Oncogene 18:1855-1866		
	CH	ETTENBERG et al., 2001, Cbl-b-dependent Coordinated Degradation of the Epidermal Growth Factor Receptor Signaling Complex, J. Biol. Chem. 276(29):27677-27684,		
	CI	FANG et al., 2001, Cbl-b, a RING-type E3 ubiquitin ligase, targets phosphatidylinositol 3-kinase for ubiquitination in T cells, J. Biol. Chem. 16:4872-4878		
	CJ	FUKUMORI et al., 2000, Regulation of cell cycle and apoptosis by human immunodeficiency virus type 1, Vpr. Microbes Infect. 2:1011-1017		
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Substitute for form 1449A/B/PTO				<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>				Application Number	10/547,849
				Filing Date	September 2, 2005
				First Named Inventor	Yuval Reiss
				Art Unit	Not Yet Assigned
				Examiner Name	Not Yet Assigned
Sheet	2	of	2	Attorney Docket Number	PROL-P01-040

	CM	LENG et al., 2002, Attenuated signaling associated with immune activation in HIV-1-infected individuals, Biochem. Biophys. Res. Comm. 298:464-467	
	CN	MANNINEN et al., 2001, Activation of NFAT-dependent gene expression by Nef: conservation among divergent Nef alleles, dependence on SH3 binding and membrane association, and cooperation with protein kinase C- $\theta$ , J. Virol. 75:3034-3037	
	CO	RENKEMA et al., 1999, Identification of the Nef-associated kinase as p21-activated kinase 2, Curr. Biol. 9(23):1407-1410	
	CP	SCHNORR et al., 2001, Ras1 interacts with multiple new signaling and cytoskeletal loci in Drosophila eggshell patterning and morphogenesis, Genetics 159:609-622	
	CQ	SCHUBERT et al., 1995, Augmentation of virus secretion by the human immunodeficiency virus type 1 Vpu protein is cell type independent and occurs in cultured human primary macrophages and lymphocytes, J. Virol. 69:7699-7711	
	CR	SIMMONS et al., 2001, Nef triggers a transcriptional program in T cells imitating single-signal T cell activation and inducing HIV virulence mediators, Immunity 14:763-777	
	CS	TAPON et al., 1998, A new rac target POSH is an SH3-containing scaffold protein involved in the JNK and NF- $\kappa$ B signalling pathways, EMBO J. 17(5):1395-1404	
	CT	YOKOI et al., 2002, Cblb is a major susceptibility gene for rat type 1 diabetes mellitus, Nature Genet. 31:391-394	

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PTO/SB/92 (09-04)

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Application No. (if known): 10/547,849

Attorney Docket No.: PROL-P01-040

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